

FIG. 1

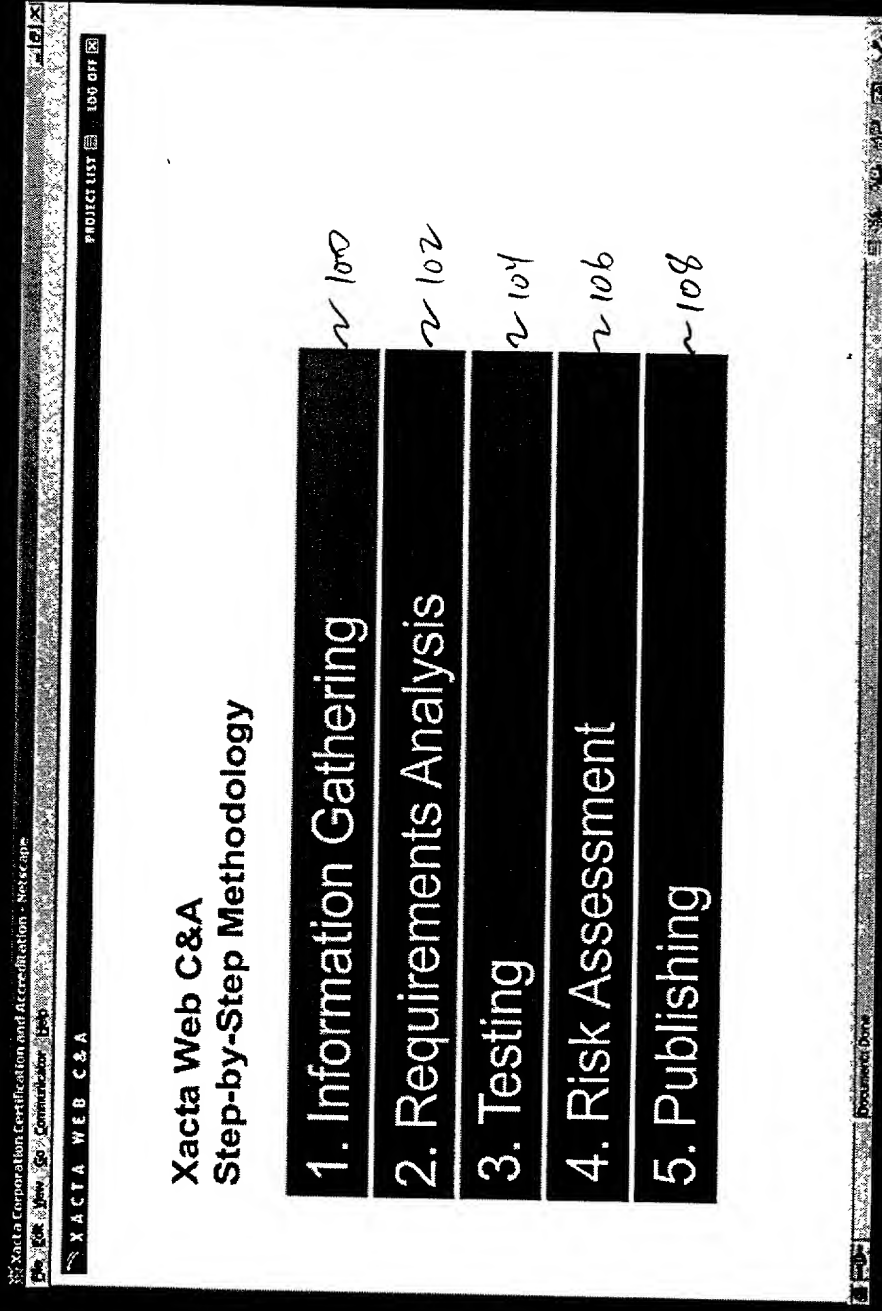


FIG. 2

1. Info Gathering
 2. Requirements Analysis
 3. Testing
 4. Risk Assessment
 5. Publishing

Xacta Corp. - Web C&A Information Gathering - Network

File Edit View Go Communication Help

XACTA WEB C&A

1. INFO GATHERING 2. REQUIREMENTS ANALYSIS 3. TESTING 4. RISK ASSESSMENT 5. PUBLISHING

Project Definition 402 Accreditation Type 404 Project Security 406 System User Info 410 Project Schedule 412 Project Threat 416 Project Appendix 428

Project D/S 416 Project App 418 System Interface 420 Accreditation Boundary 424

Project: MT Project One

Required field (*) - If applicable

Project Definition Information

Name: All Project One

Version: 1.0

Acronym: MTS

Description: The MTS is a computer-based personnel tracking and communications planning tool originally developed by the U. S. Air Force, and named the Air Force Automated Planning System (ATAPS). It has been modified by the Army to support communications planning until the Advance Tracking Planner (ATP) system. The MTS is used to

Department: DoD

Service: Select One...
Civilian
DoD

438

Save
Print
Help
Example

Enter and select Project Definition Information and press Save. Next, click the Forward button on the status bar to continue on to the next step.

Info Gathering: Accreditation Type

Document Done

FIG. 5

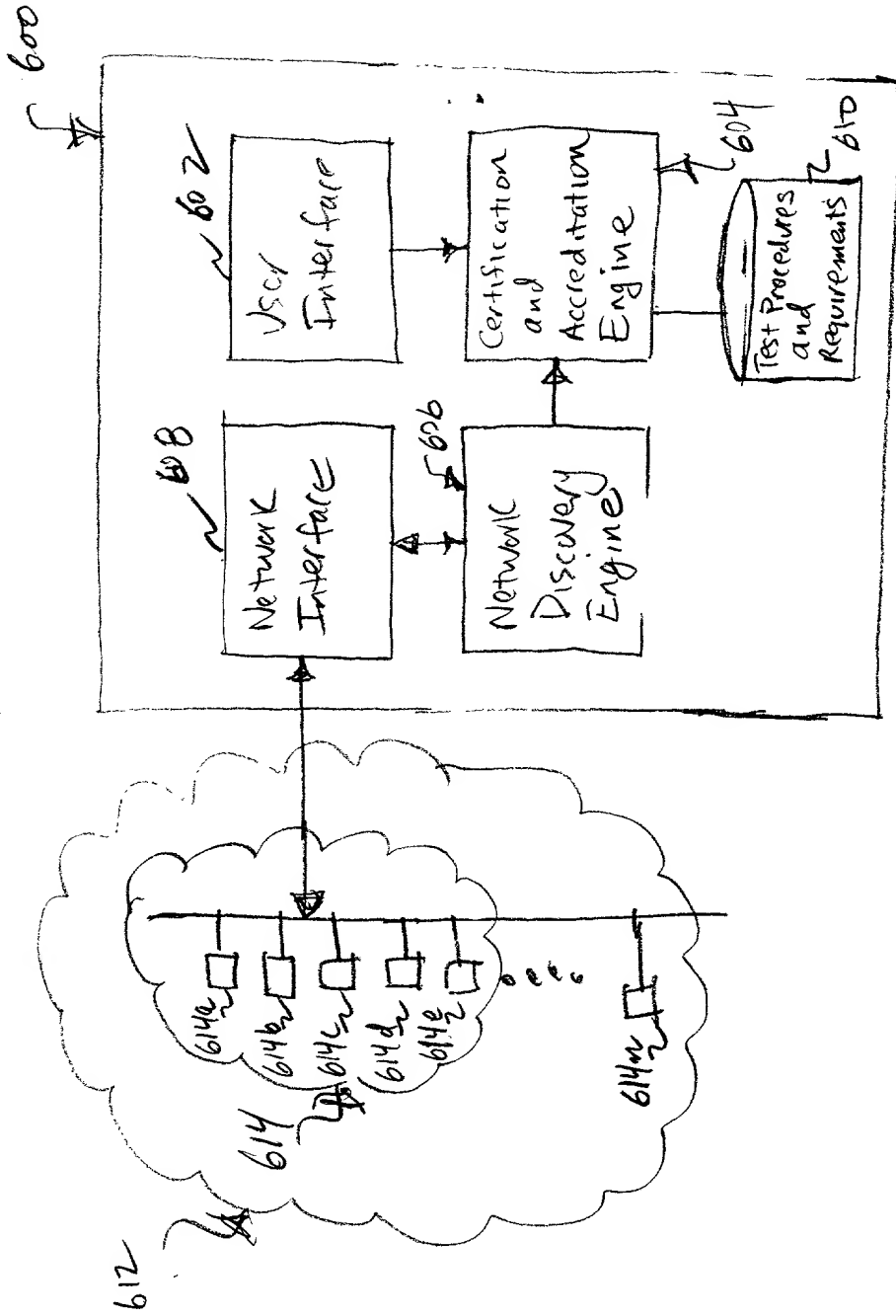


FIG. 6

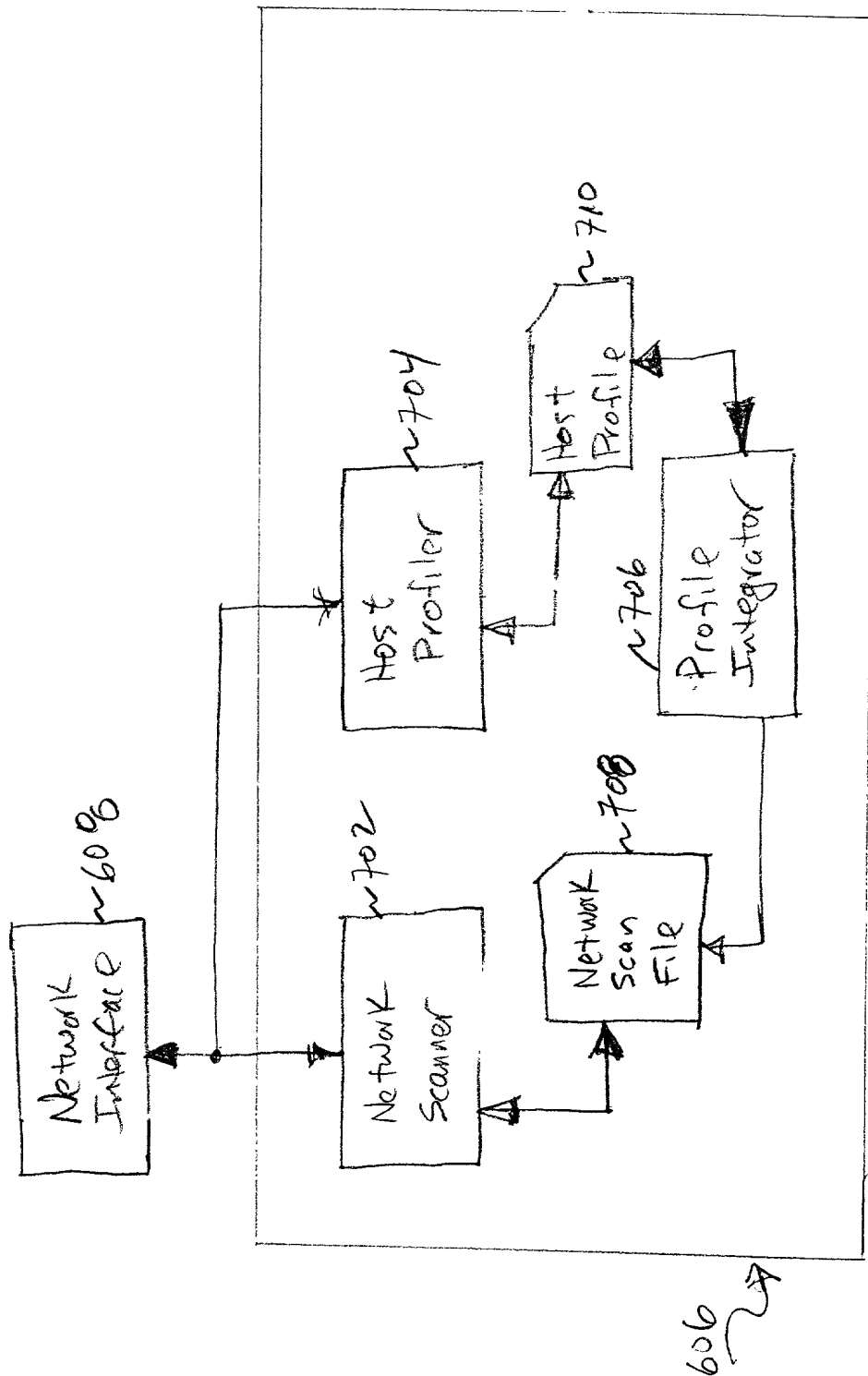


Fig. 7

802 ~ [Network]
802a ~ Name = Xacta

806 ~ [Segment]
806a ~ Name = Office

806a ~ Network = Xacta
806b ~ IPRange = 192.168.0.0-255
806c ~ ScanDate = 12-01-2000
806d ~ ScanDate = 12-15-2000

806

808 ~ [Host]
808a ~ IPAddress = 192.168.0.10
808b ~ MAC = 01 02 03 04 05 06
808c ~ Hostname = Banana
808d ~ OS = Windows 98
808e ~ Version = 2

810 ~ [Host]

810a ~ IPAddress = 192.168.0.20
810b ~ MAC = 01 02 03 08 00 09
810c ~ Hostname = Peach
810d ~ OS = Windows NT
810e ~ Version = 4.0
810f ~ Mfr = HP
810g ~ Model = Vectra XJ12
810h ~ CPU = Pentium II
810i ~ CPU Qty = 1
810j ~ CPU Speed = 400 MHz
810k ~ RAM = 128 MB
810l ~ Disk Space = 60 GB
810m ~ Software = Microsoft Office 8.0
810n ~ Software = Autocad 14.1
810o ~ Software = Adobe Acrobat 3.0
810p ~ Software = Roadhog 1.1

FIG. 8

900

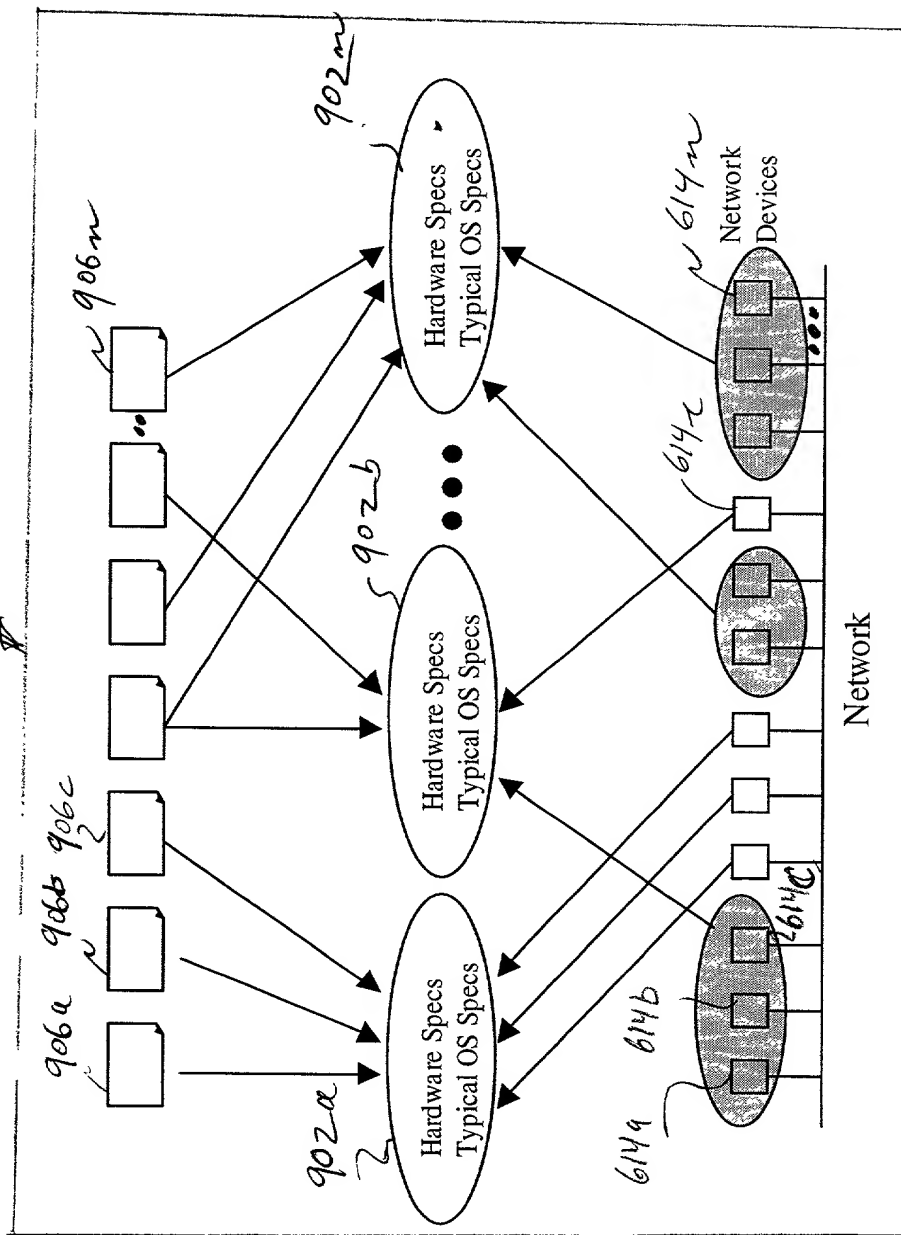


FIG. 9

Address <http://webdev:81/webca30/WebcaController?next=ModifyPlatformCategory&PlatID=1>

XACTA WEB C&A™ 2001

I. Information Gathering

II. Requirements Analysis

III. Testing

PROJECT:

TestWeb C&A 2001

STAGE:

I. Information Gathering

STEPS:

1. Project Definition
2. System Parameters
3. System Security
4. Project Personnel
5. Project Milestones
6. System Users
7. Platform Categories
8. Software Inventory
9. Equipment Inventory
10. System Interfaces
11. System Data Flow
12. Accreditation Boundary
13. System Environment

Edit Platform Category

Platform Category: Description: Estimated Quantity: Test Strategy: IP Address Range:

Hardware Specs

Hardware Family: Manufacturer: Model: Serial Number: Location: Visual ID: CPU Type: CPU Number: CPU Speed: RAM: Disk Size: Disk Description: Other Storage: Display: Other Hardware:

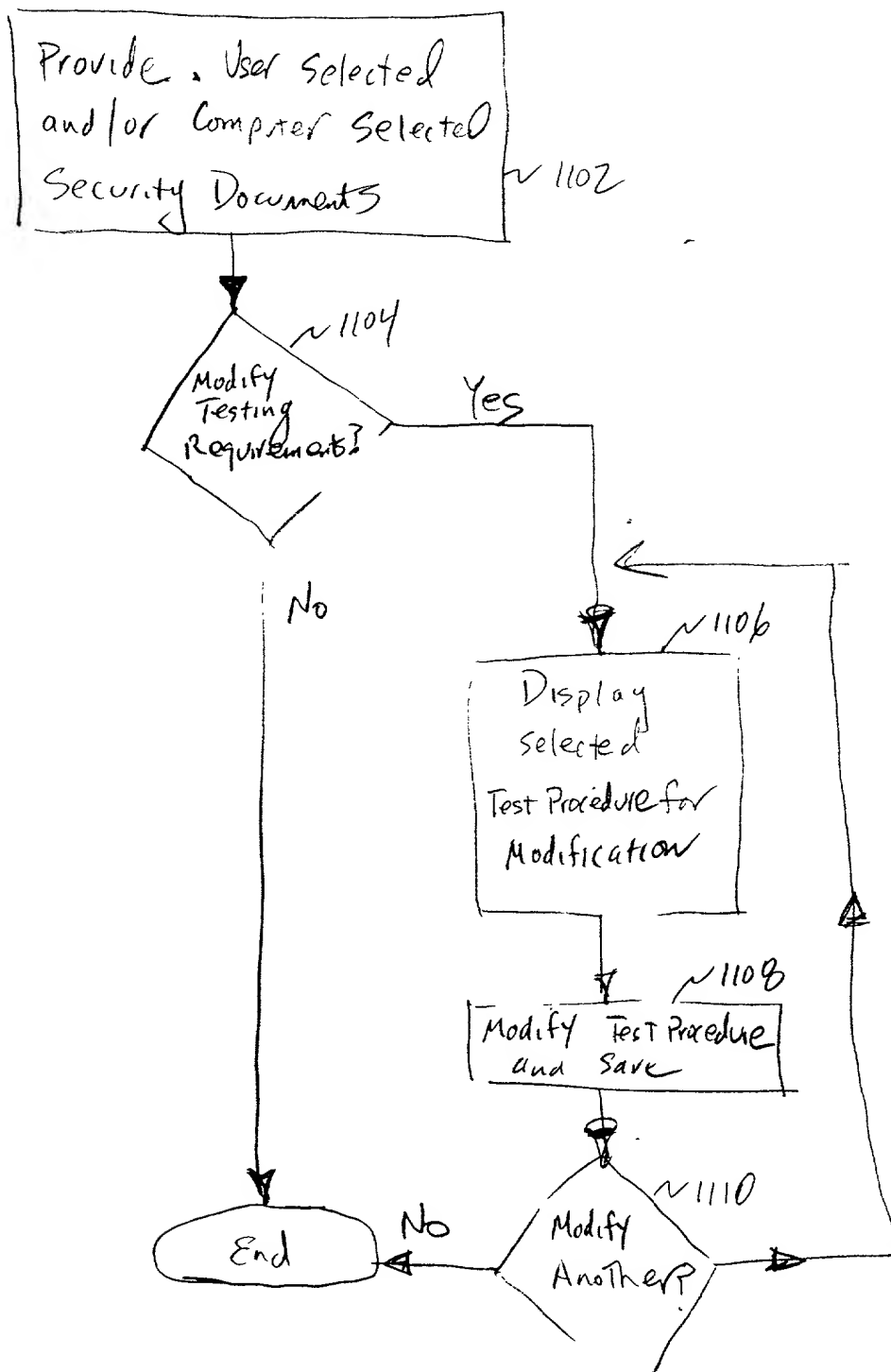


FIG. 11

Xacta Corp. - Web C&A Requirements Analysis - Netscape

File Edit View Go Command Window Help

XACTA WEB C&A

PROJECT LIST [] LOG OFF [X]

1. INFO GATHERING 2. REQUIREMENTS ANALYSIS 3. TESTING 4. RISK ASSESSMENT 5. PUBLISHING

Generate Baseline SRTM Display Current SRTM Add Requirement

Project: MT Project One
Required field (*) - If applicable

Currently selected Security Regulation Documents ☒ User Defined Requirement Exists ☐

☐ Army Regulation (AR) 380-19 Information System Security ~1202 ☒ CCIMB-95-0312/3 Common Criteria for Information Technology Security Evaluation ~1214

☒ DISC4 Procedural Guidelines for UNIX ~1204 ☐ DISC4 Procedural Guidelines for UNIX ~1216

☐ DoD 4200.25-STD DoD Trusted Computer System Evaluation Criteria (Orange Book) ~1206

☒ DoD Directive C-5209.5 Communications Security (COMSEC) ~1208

☐ DoD Directive C-5209.3 DoN Information Systems Security (INFOSEC) ~1210

☐ Program Engineering Office for Command, Control, and Communications Systems (PEO C3S) Security Configuration Policy (SCP) for Unix Hosts ~1212

☐ SECNAVINST 5239.3 DoN Information Systems Security (INFOSEC) Program ~1212

☐ Program Engineering Office for Command, Control, and Communications Systems (PEO C3S) Security Specification for ATCCS (89A) ~1222

☒ OPNAVINST 5239.1B Navy Information Assurance (IA) Program ~1220

☐ DoD Directive 5200.28 Security Requirements for Automated Information Systems (AISIS) ~1218

Save Reset Help

Select applicable Regulation Documents and press Save.
Next, click the Forward button on the status bar to continue on to the next step.

Requirements Analysis:
Display Current SRTM

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FIG. 12

Xacta Corp. - Web ECA Requirements Analysis - Netscape

XACTA WEB C&A

1. INFO GATHERING 2. REQUIREMENTS ANALYSIS 3. TESTING 4. RISK ASSESSMENT 5. PUBLISHING

Generate Baseline SRTM Display Current SRTM Add Requirement

Project: MI Project One
Required field () - If applicable*

SRTM Publishing: Appendix E

Source Document	Package	Title	Status	Requirement	Edit	Delete
DDO5200.5	D.1	Protection of Transmitted Information	View Details	✓	✓	✗
DDO5200.5	D.3	Use of NSA endorsed COMSEC products	View Details	✓	✓	✗
DDO5200.5	D.4	Protection of Sensitive Information	View Details	✓	✓	✗
OPNAV5238.1B	8	OPNAV Policy	View Details	✓	✓	✗

Page 1 of 1

[Intro to Web C&A](#) | [Index](#) | [Support](#) | [Legal Notices](#)
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Alter, Viewing and/or editing Requirements, click the Forward button on the status bar to continue on to the next step.
 Requirements Analysis: Add Requirements

BACK ◀ ▶ FORWARD

FIG. 13

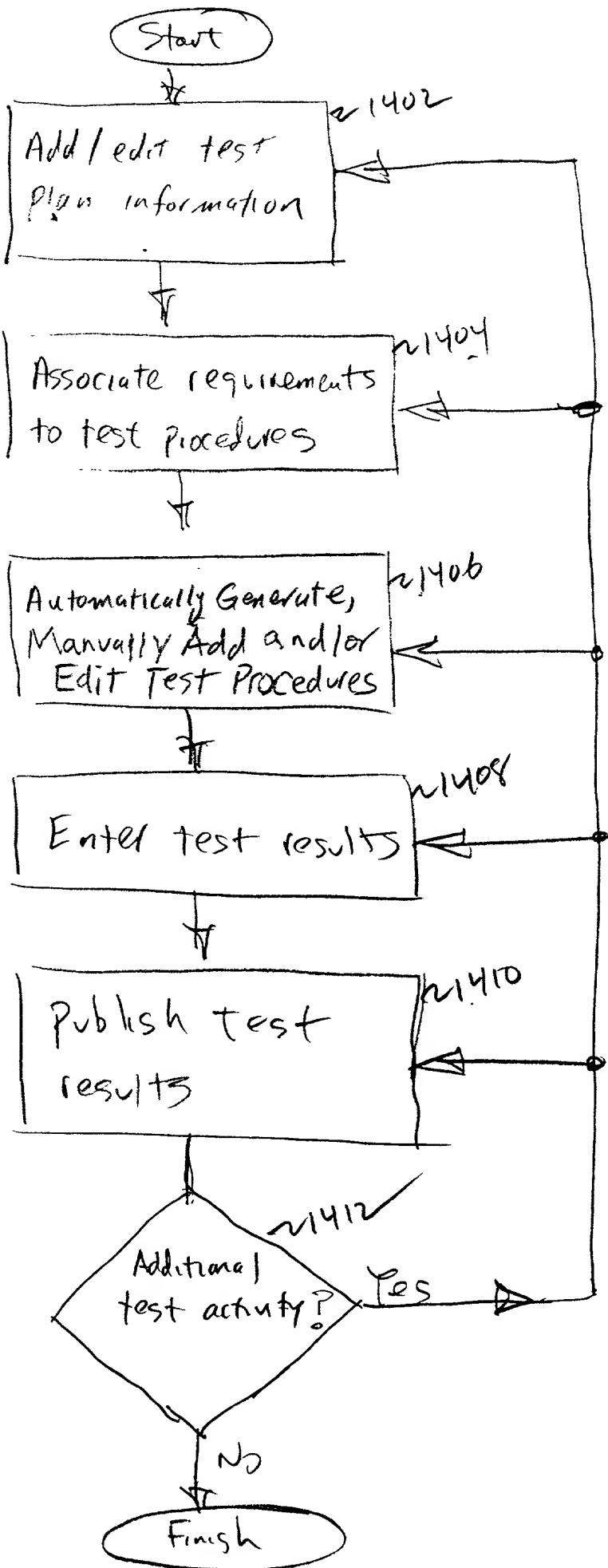


Fig. 14.

Web C&A Testing - Microsoft Internet Explorer

http://nhsa/webdoc/1.7/Test/webdoc_TestPlan.asp

XACTA WEB C&A

PROJECT LIST **LOG OFF**

1. INFO GATHERING **2. REQUIREMENTS ANALYSIS** **3. TESTING** **4. REASSESSMENT** **5. PUBLISHING**

Test Plan Info **Associate Requirements** **Test Procedures** **Enter Test Results** **Security Check List**

Project: uspr01 **Edit Test Plan Info** **FORWARD**

Warning: Previously published sections related to "Edit Test Plan Info" must be re-published to reflect your changes.

Required field (*) - If applicable

Test Group: ST&E

Expected Date of Test: ~1502

Planned Location of Procedure: ~1502

Test Resources: ~1506

Test Personnel: ~1508

Remarks: ~1510

Additional remarks related to the conduct of the ST&E procedures.

Test Plan Info

The Security Test and Evaluation (ST&E) procedures will be executed from 1 May 2000 through 30 May 2000. The dates and expected completion are contingent upon the availability of the equipment, documentation, and domain personnel required.

Planned Location of Procedure:

The ST&E procedures entail a review of the available security documentation and the interview of key development personnel. The procedures will be conducted at the home facility of the accreditation team members and the primary system development facility.

Test Resources:

The following resources are required to complete the ST&E procedures for the evaluation of the system:

- List of System Components
- List of system and security documentation

Test Personnel:

The following test personnel are assigned to complete the system Security Test and Evaluation procedures:

- List of Accreditation Team members

Additional remarks related to the conduct of the ST&E procedures.

Test Procedures

Group and the assigned test plan fields provide test procedures. Click on the button to view the changes and click the Forward button to submit to the next step. Requirements are associated with the test plan. **NEXT STEP: Testing: Associate Requirements**

Fig. 15

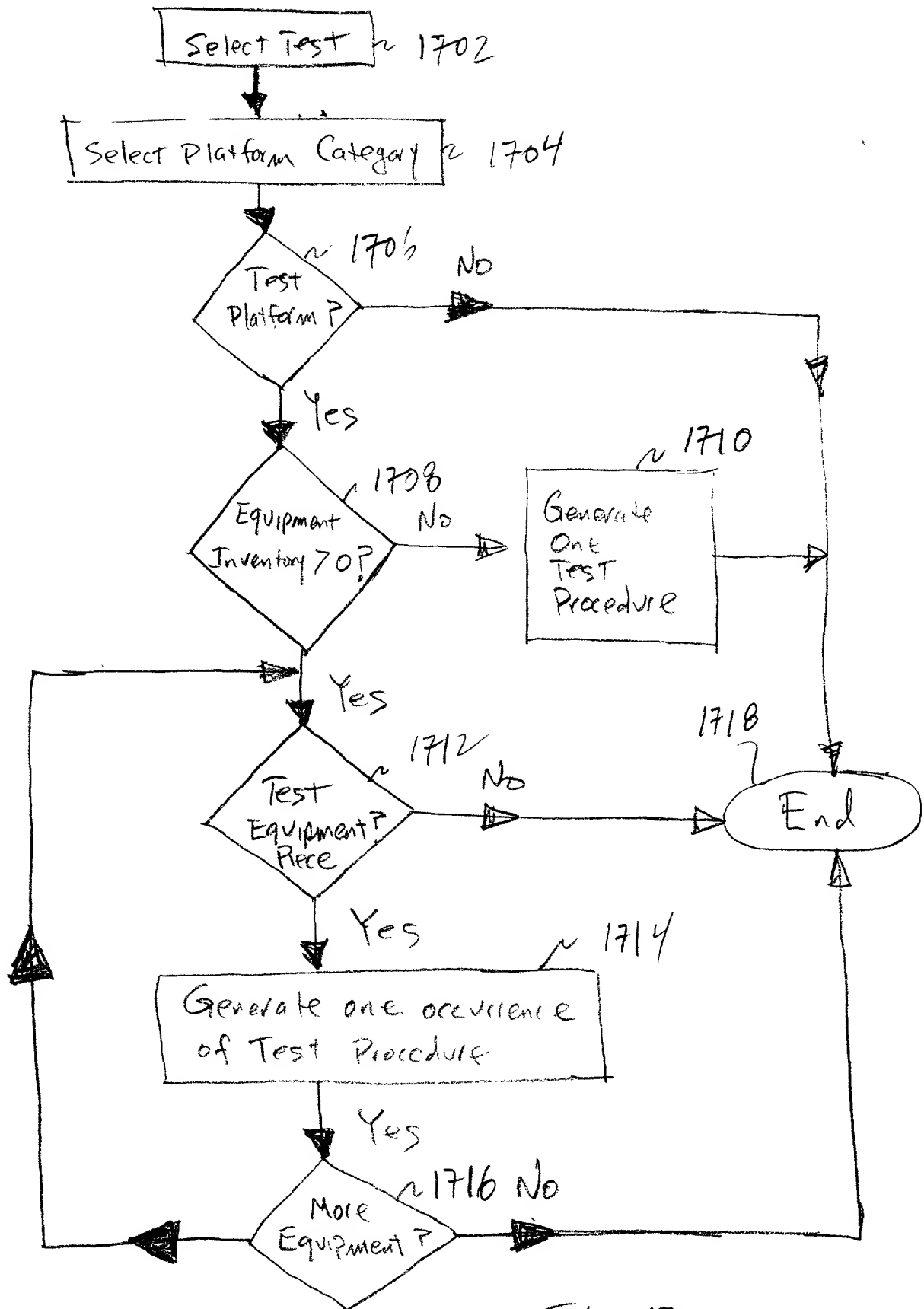


Fig. 17



Fig. 18

Feb. 19

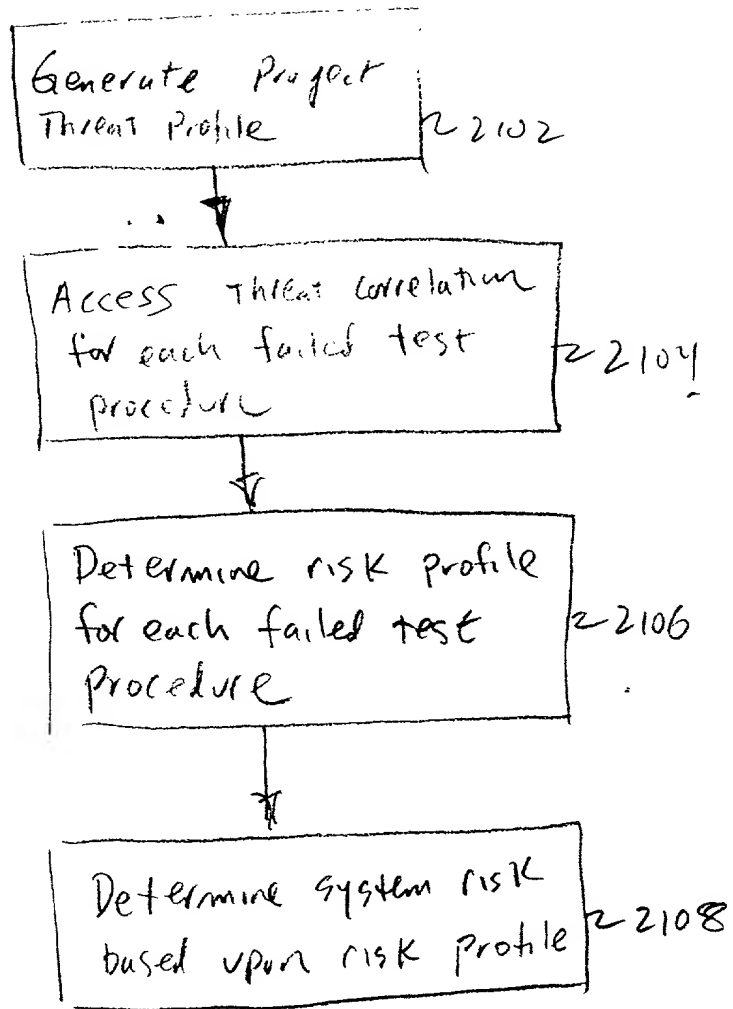


FIG. 21

	Threat Category	Sub-Category	Sub-sub-category
1	Natural Disaster	Fire	
2		Flood	
3		Earthquake	
4		Volcano	
5		Tornado	
6		Lightning	
7	System Failure	Hardware	
8		Power	
9		Communication Link	
10	Environmental Failure	Temperature	
11		Power	
12		Humidity	
13		Sand/Dust	
14		Shock/Vibration	
15	Human Unintentional	Software Design Error	
16		System Design Error	
17		Operator Error	System Administrator
18			Regular User
19	Human Intentional		Maintenance Personnel
20		Authorized Personnel	System Administrators
21			Maintenance Personnel
22			Regular Users
23		Unauthorized Users	Terrorists
24			Hackers
25			Saboteurs
26			Thieves
27			Vandals
28		Physical Combat	
29		Electronic Warfare	

Fig. 22

Xacta Corp. - Web C&A Risk Assessment - Worksheet
File Edit View Go Configuration Help

XACTA WEB C&A

1-INFO GATHERING

2-TESTING

4-RISK ASSESSMENT

D 5- PUBLISHING

Threat Environment

Analyze Risk Elements

System Level Risk

Project: MI Project One

Required field (*) - If applicable

Natural Disaster: ~7

Fire ~1

Flood ~2

Earthquake ~3

Volcano ~4

Tornado ~5

Lightning ~6

System Failure: ~7

Hardware ~7

Software ~8

Communication ~9

Environmental Failure: ~10

Temperature ~10

Power ~11

Humidity ~12

Sand/Dust ~13

Vibration/shock ~14

Human Unintentional ~15

Threat Environment

Calculated Value ~2302

User Defined Value ~2304

Low	>
Low	>
Low	>
Low	>
Low	>
Low	>

Low	>
Low	>
Low	>
Low	>
Low	>
Low	>

Save
Reset
Help

Low	>
Low	>
Negligible	>

Low	>
Low	>
Negligible	>

Negligible	>
Negligible	>
Negligible	>
Negligible	>
Negligible	>

Negligible	>
Negligible	>
Negligible	>
Negligible	>
Negligible	>

After filling in the Risk/Threat Information click the Save button followed by the Forward button on the status bar to continue on to the next step.

Risk:
Analyze Risk Elements

FIG. 23

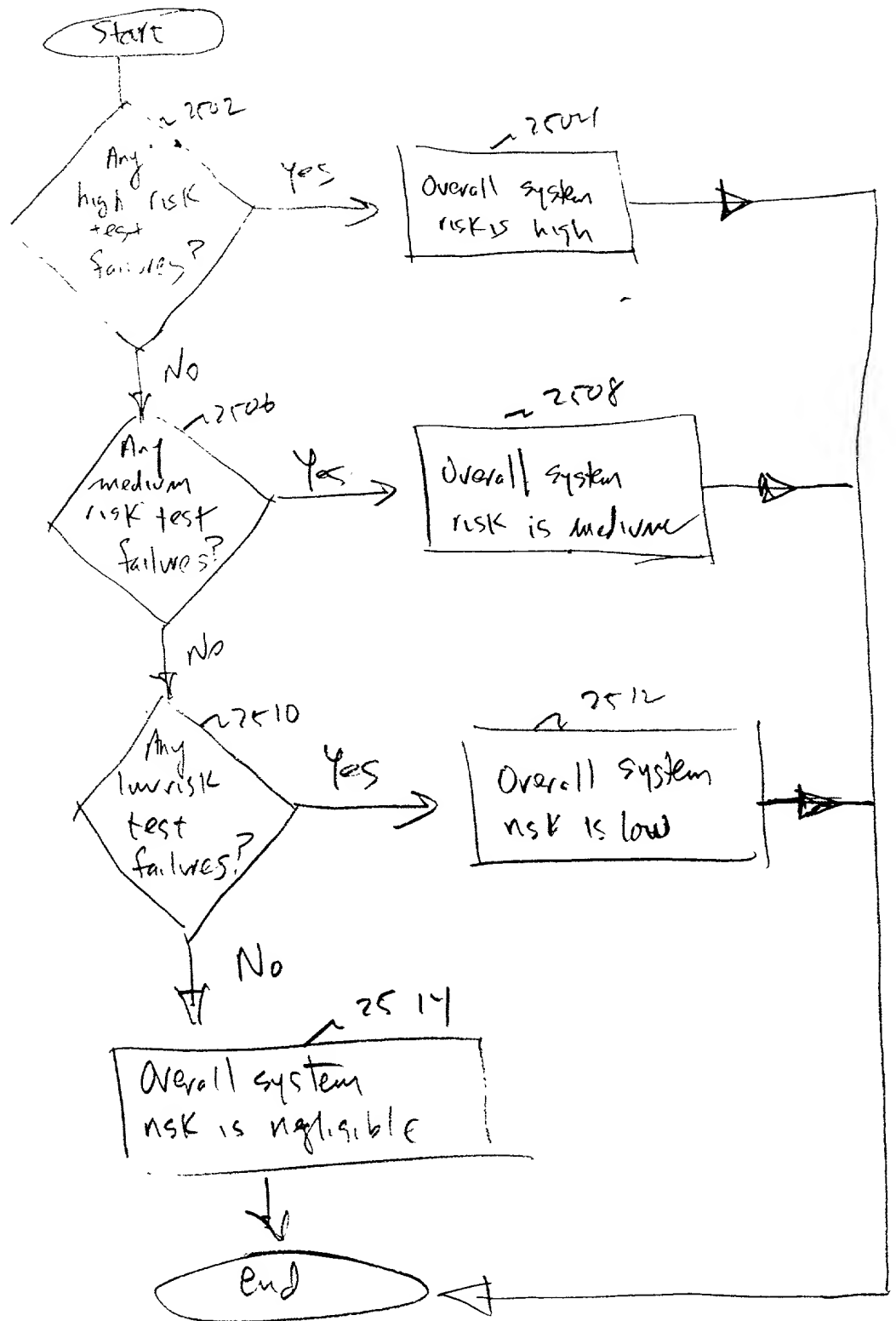


Fig. 25

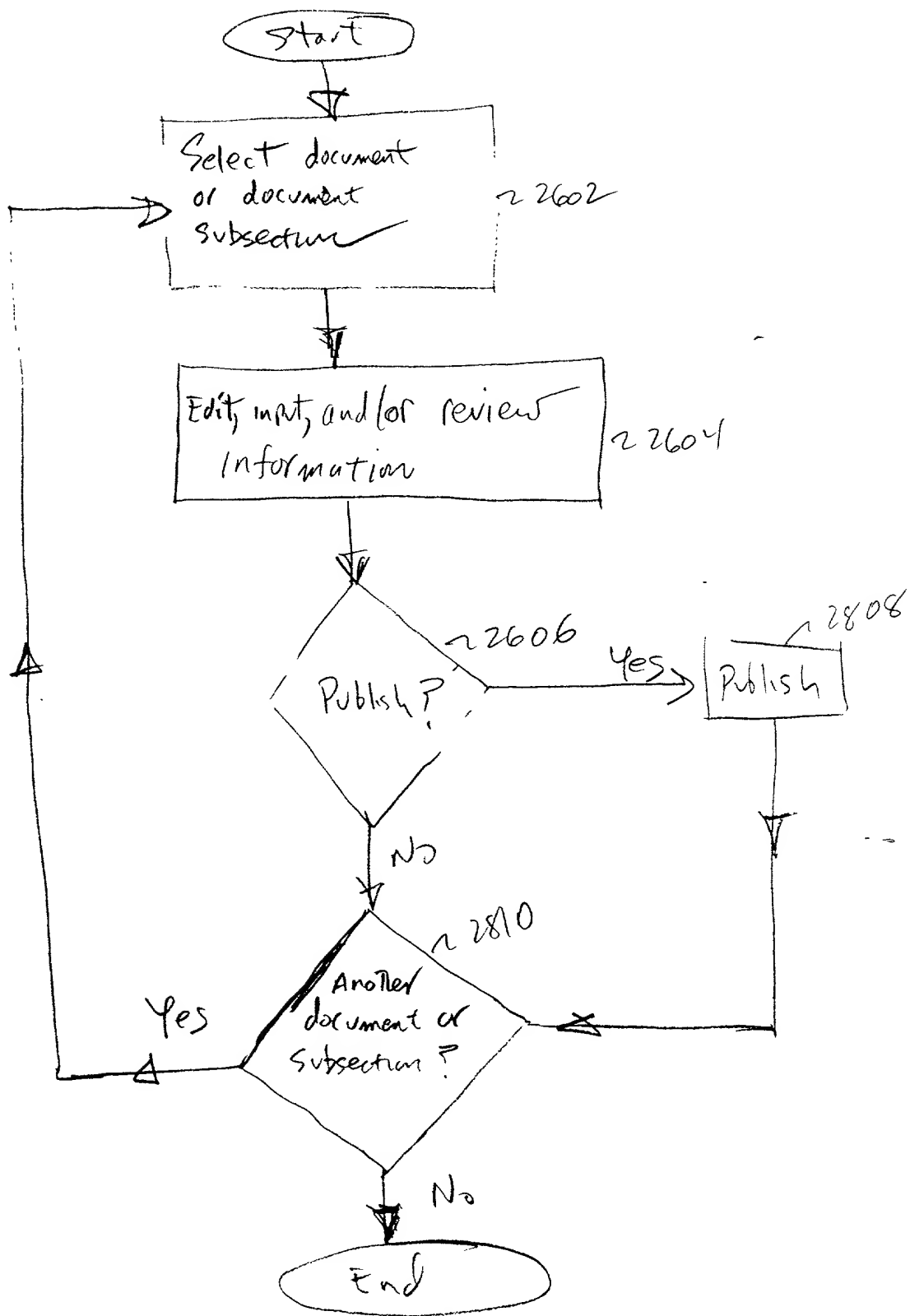


FIG 26

SSAA Main Menu - Netscape
File Edit View Go Communication Help
XACTA WEB C&A
1. INFO GATHERING
2. REQUIREMENTS ANALYSIS
3. TESTING
4. RISK ASSESSMENT
5. PUBLISHING
Appendices
Project: MT Project One
Required field (*) - If applicable
Main SSAA Navigation
BACK FORWARD

SSAA Main Menu - Netscape
File Edit View Go Communication Help
XACTA WEB C&A
1. INFO GATHERING
2. REQUIREMENTS ANALYSIS
3. TESTING
4. RISK ASSESSMENT
5. PUBLISHING
Appendices
Project: MT Project One
Required field (*) - If applicable
Main SSAA Navigation
BACK FORWARD

Select on SSAA subsection to work on:

2702

1.1 System Name and Identification
1.2 System Description
1.3 Functional Description
1.3.1 System Capability
1.3.2 System Criticality
1.3.3 Classification and Sensitivity of Data Processed
1.3.4 System Operator Description and Clearance Levels
1.3.5 Life-Cycle of the System
1.4 System Concept of Operations
2.1 Operational Environment
2.1.1 Facility Description
2.1.2 Physical Security
2.1.3 Administrative Issues
2.1.4 Personnel
2.1.5 COMSEC
2.1.6 TEMPEST
2.1.7 Maintenance Procedures
2.1.8 Training Plans
2.2 System Development and Maintenance Environment
2.3 Threat Description

OK

You should begin by selecting SSAA subsection 1.1. After completing that section, move on to 1.2, 1.3, etc. After completing sections 1-8, click the forward arrow on the status bar to move on to the next step.

Publishing:
Main
Appendices
Navigation

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FIG. 27

NETSCAPE
File Edit View Go Computer Help
XACTA WEB C&A PROJECT LIST LOG OFF

1. INFO GATHERING 2. REQUIREMENTS ANALYSIS 3. TESTING 4. RISK ASSESSMENT 5. PUBLISHING
Appendices

Project MI Project One
Required field (*) - If applicable

1.1 System Name and Identification

22702

The system being considered for accreditation is the MI Project One

After you have entered your information and clicked save, click the forward arrow on the status bar to move on to the next step.

Publishing:
SSAA Section 1.2

Save Cancel Reset Help Example Next Page

Work 4 FORWARD

Intro to Web C&A | Tools | Support | Legal Notices

Document: Done

FIG. 28

XACTA WEB C&A

PROJECT LIST [D] 106 OF 128

D 5. PUBLISHING

4. RISK ASSESSMENT
Appendices

3. TESTING
SSAA

Main Appendices Navigation

Project: M1 Project One
Required field () - If applicable*

Select on Appendix to work on:

A. Acronyms
B. Definitions
C. References
D. System Concept of Operations
E. Information Security Policy
F. Security Requirements Traceability Matrix (SRTM)
G. Certification Test and Evaluation Plan and Procedures
H. Security Test and Evaluation Plan and Procedures
I. Applicable System Development Artifacts or System Documents
J. System Rules of Behavior
K. Incident Response Plan
L. Contingency Plans
M. Personnel/Technical Security Controls
N. Memoranda of Agreement
O. Security Education, Training and Awareness Plan
P. Certification Test Results
Q. Risk Assessment Results
R. Certification and Accreditation Statement

You should begin by selecting Appendices section A, B ... R

2902

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Appendices Main Menu - Netscape
File Edit View Go Command Keyboard Help
Documents Home

FIG. 29

NetGrip
File Edit View Go Communications Help

PROJECT LIST LOG OFF

1. INFO GATHERING 2. REQUIREMENTS ANALYSIS 3. TESTING 4. RISK ASSESSMENT 5. PUBLISHING

Classification

Project: MI Project One

Acquired/hold (*) - If applicable

Acronym

ADP

AIS

AISSP

AR

ASAP

ASO

ATCCS

BAS

BFA

Definition

Army Computer Emergency Response Team

Automated Data Processing

Automated Information System

Army Information Systems Security Program

Army Regulation

As soon as possible

Administrator's Security Guide

Army Tactical Command and Control System

Battlefield Automation System

Battlefield Functional Area

Appendix A

Back Forward

Next End

2092

2902

Page 1 of 10

Document: Done

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FIG. 30

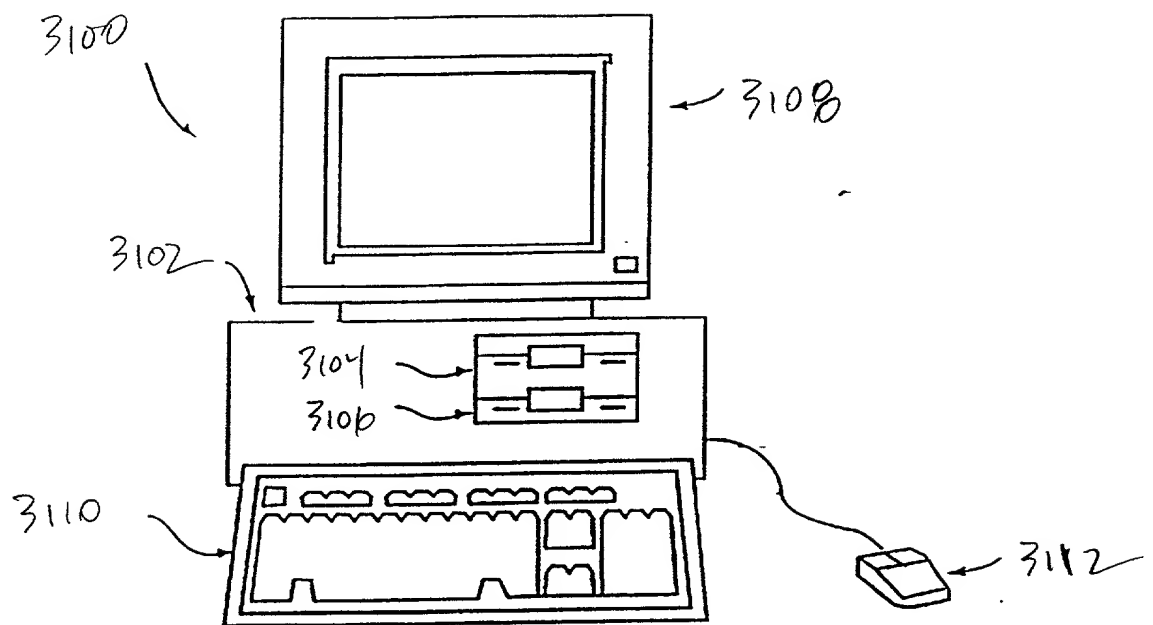


Fig. 31

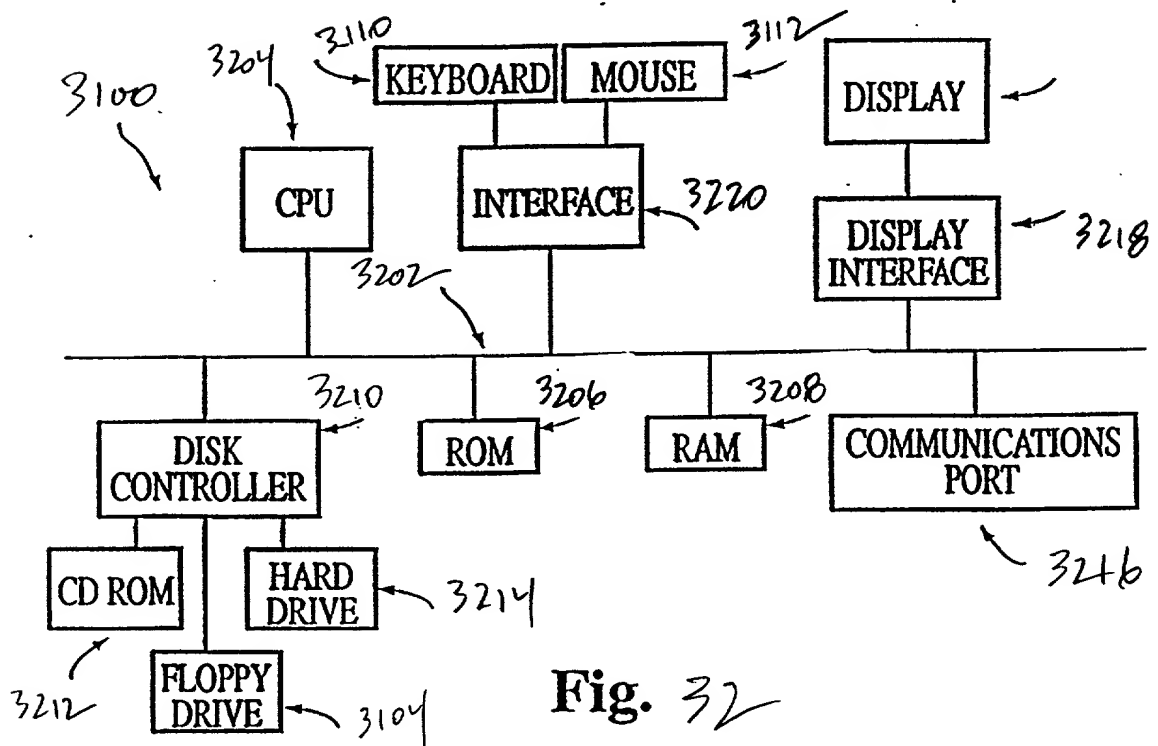
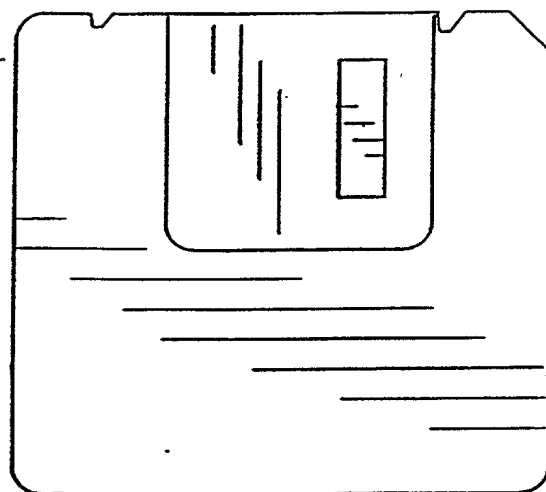


Fig. 32



3302

Fig. 33

